RAW SEQUENCE LISTING ERROR REPORT



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form:

Application Serial Number: 07/84/0 Source: 0//E
Date Processed by STIC: 12/2

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by the treatment given to all mail coming via the Brentwood Mail Facility.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- 3. Hand Carry directly to:
 - U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, 1911 South Clark Street, Crystal Mall One, Sequence Information, Arlington, VA 22202
 - U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, Virginia 22202
- Federal Express Delivery, 2011 South Clark Street, Crystal Plaza 2, Room 1B03-Mailroom, Box Sequence, Arlington, VA 22202

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JAN 0 8 2002

OIPE

TECH CENTER 1600/2900

DATE: 12/20/2001

TIME: 21:07:02

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Input Set : A:\NEMC-215.txt
                Output Set: N:\CRF3\12202001\I841091.raw
                                                                   Does Not Comply
                                                               Corrected Diskette Needed
 3 <110> APPLICANT: Kuliopulos, Athan
 4 Covic, Lidija
 6 <120> TITLE OF INVENTION: G Protein Coupled Receptor (GPCR) Agonists and
       Antagonists and Methods of Activating and Inibiting
        GPCR Using the Same
10 <130> FILE REFERENCE: 18475-034
12 <140> CURRENT APPLICATION NUMBER: 09/841,091
13 <141> CURRENT FILING DATE: 2001-04-23
15 <150> PRIOR APPLICATION NUMBER: 60/198,993
16 <151> PRIOR FILING DATE: 2000-04-21
18 <160> NUMBER OF SEQ ID NOS: 37
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 19
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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33 1
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35 Ala Leu Phe
39 <210> SEQ ID NO: 2
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42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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49 Ala Val Ala Asn Arg Ser Lys Lys Ser Arg Ala Leu Phe
50 1
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 7
55 <212> TYPE: PRT
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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63 Lys Lys Ser Arg Ala Leu Phe
64 1
67 <210> SEO ID NO: 4
68 <211> LENGTH: 12
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/841,091

69 <212> TYPE: PRT

70 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 12/20/2001 PATENT APPLICATION: US/09/841,091 TIME: 21:07:02

Input Set : A:\NEMC-215.txt

Output Set: N:\CRF3\12202001\I841091.raw

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73 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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87 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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108 Glu Leu Phe
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115 <213> ORGANISM: Artificial Sequence
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119 Peptide Sequence
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134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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140
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RAW SEQUENCE LISTING DATE: 12/20/2001 PATENT APPLICATION: US/09/841,091 TIME: 21:07:02

Input Set : A:\NEMC-215.txt

Output Set: N:\CRF3\12202001\I841091.raw

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157 1
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165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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174 <210> SEQ ID NO: 11
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185 1
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187 Ser Glu Lys Lys Val Thr Lys
188
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191 <210> SEQ ID NO: 12
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193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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202 1
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204 Ser Glu Lys Lys Val Thr Phe
205
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 19
210 <212> TYPE: PRT
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RAW SEQUENCE LISTING DATE: 12/20/2001 PATENT APPLICATION: US/09/841,091 TIME: 21:07:02

Input Set : A:\NEMC-215.txt

Output Set: N:\CRF3\12202001\I841091.raw

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213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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221 Val Ile Arg
225 <210> SEQ ID NO: 14.
226 <211> LENGTH: 20
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238 Val Ile Glu Phe
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245 <213> ORGANISM: Artificial Sequence
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255 Val Arg
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264 <220> FEATURE:
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270
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                                         10
272 Val Phe
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277 <211> LENGTH: 6
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Extracellular
283
         Agonist Peptide Sequence
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/841,091

DATE: 12/20/2001 TIME: 21:07:02

Input Set : A:\NEMC-215.txt

Output Set: N:\CRF3\12202001\1841091.raw

285 <400> SEQUENCE: 17 286 Ser Leu Ile Gly Lys Val

287

290 <210> SEO ID NO: 18

291 <211> LENGTH: 14 292 <212> TYPE: PRT

293 <213> ORGANISM: Artificial Sequence

295 <220> FEATURE:

296 <223> OTHER INFORMATION: Description of Artificial Sequence: Extracellular

297 Agonist Peptide Sequence

299 <400> SEQUENCE: 18

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304 <210> SEQ ID NO: 19

305 <211> LENGTH: 97 306 <212> TYPE: PRT

307 <213> ORGANISM: Artificial Sequence

313 <220> FEATURE:

309 <220> FEATURE: 310 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin

Laa can only represent a single amin' aid. Peptide Sequence

314 <221> NAME/KEY: VARIANT

315 <222> LOCATION: (1)..(97)
316 <223> OTHER INFORMATION: Wherein Xaa is a space/gap induced by peptide Pu / 8 Z2(5)(e)

317 alignment analysis

319 <400> SEQUENCE: 19 W--> 320 Arg Cys Leu Ser Ser Ala Val Ala Asn Arg Ser Xaa Xaa Xaa Xaa

324 25

327 35 40

50 55

70 75

W--> 335 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Lys Lys Ser Arg Ala Leu

336 338 Phe

342 <210> SEQ ID NO: 20

343 <211> LENGTH: 97

344 <212> TYPE: PRT

345 <213> ORGANISM: Artificial Sequence 347 <220> FEATURE:

348 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin

Peptide Sequence

351 <220> FEATURE: 352 <221> NAME/KEY: VARIANT

353 <222> LOCATION: (1)..(97)

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.



VERIFICATION SUMMARY

₩, ...

PATENT APPLICATION: US/09/841,091

DATE: 12/20/2001 TIME: 21:07:03

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Output Set: N:\CRF3\12202001\I841091.raw

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